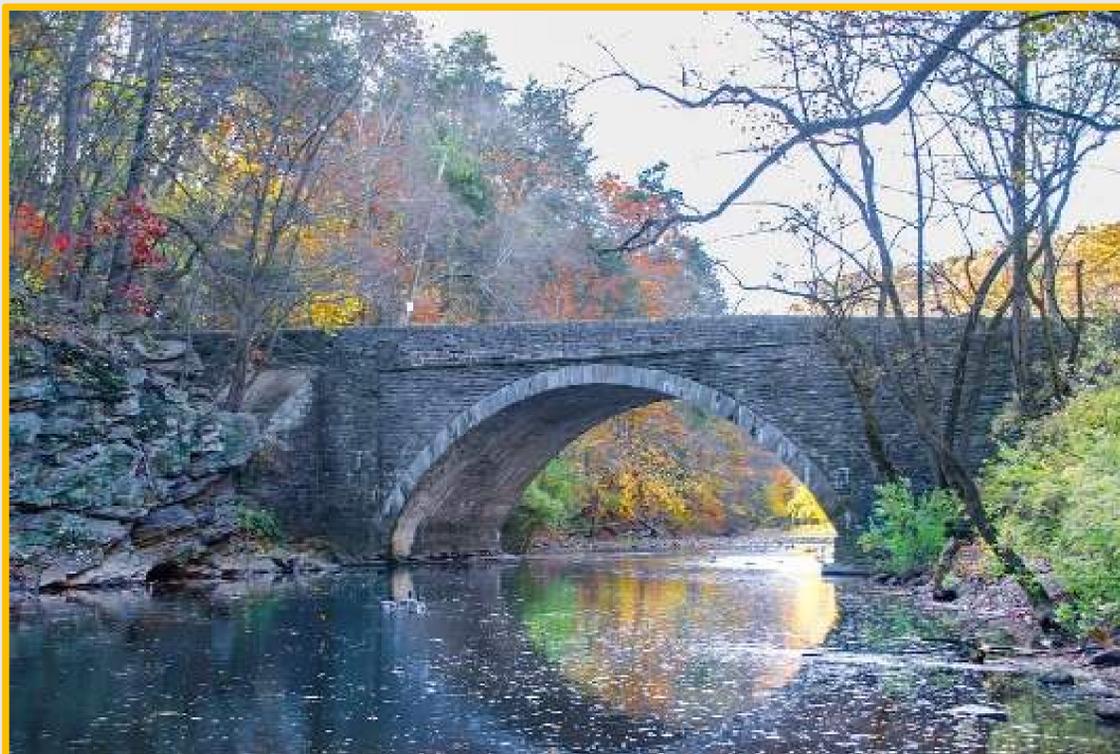


BELLS MILL/ VALLEY GREEN ROAD BRIDGE REHABILITATION PROJECT



Bells Mill Road



Valley Green Road

WELCOME

Public Open House
Tuesday, February 17, 2026
6:00 pm – 8:00 pm

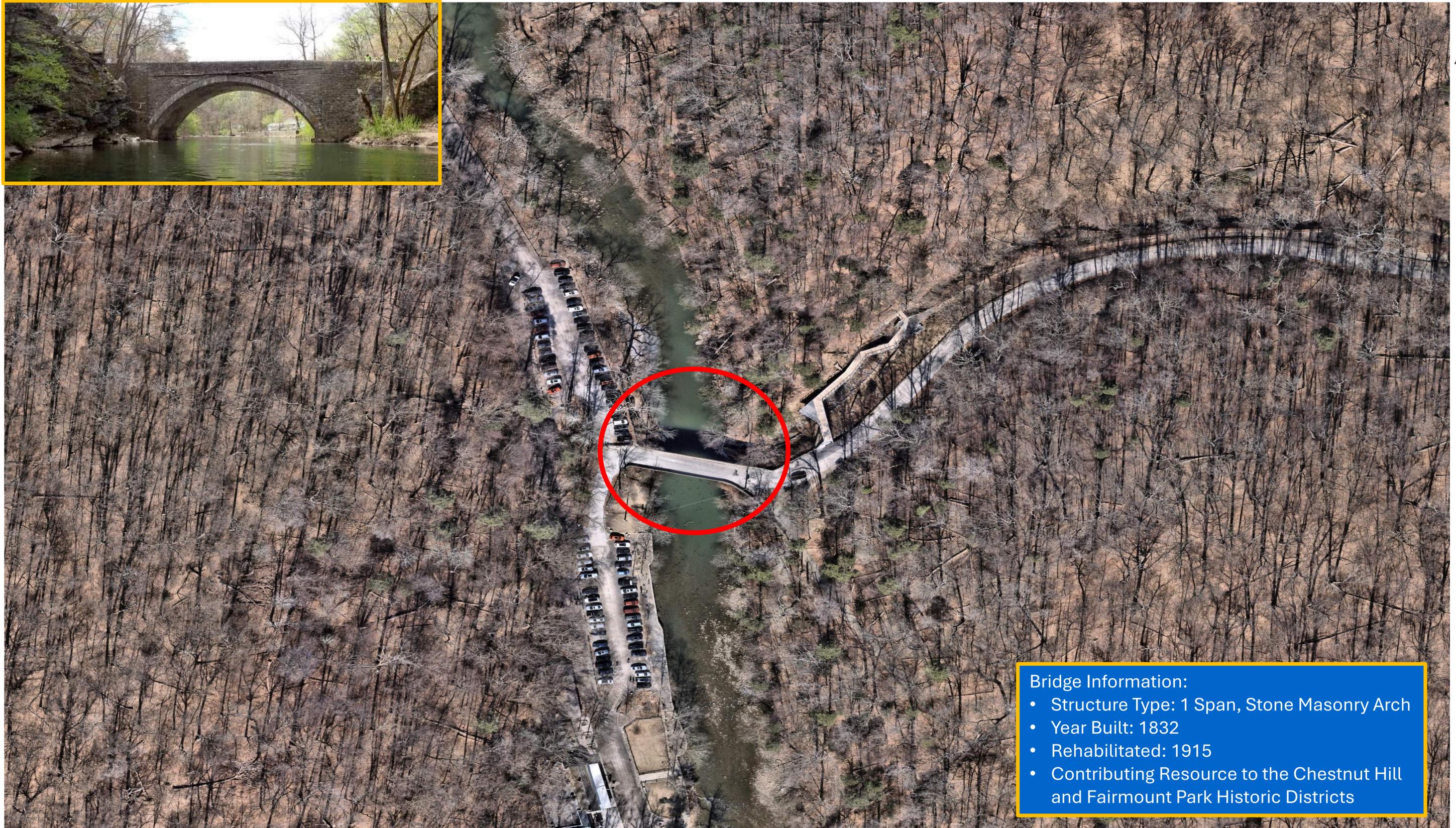
Bridge Location and Information – Bells Mill Road



Bridge Information:

- Structure Type: 2 Span, Stone Masonry Arch
- Year Built: 1820
- Individually Eligible for Listing on the National Register of Historic Places
- Contributing Resource to the Chestnut Hill and Fairmount Park Historic Districts

Bridge Location and Information – Valley Green Road



Bridge Information:

- Structure Type: 1 Span, Stone Masonry Arch
- Year Built: 1832
- Rehabilitated: 1915
- Contributing Resource to the Chestnut Hill and Fairmount Park Historic Districts

Bells Mill Road – Existing Conditions

Roadway

- Map cracking and longitudinal cracks throughout the pavement



Last Inspection: April 15th, 2025
Condition: Poor
Posted: 3 tons

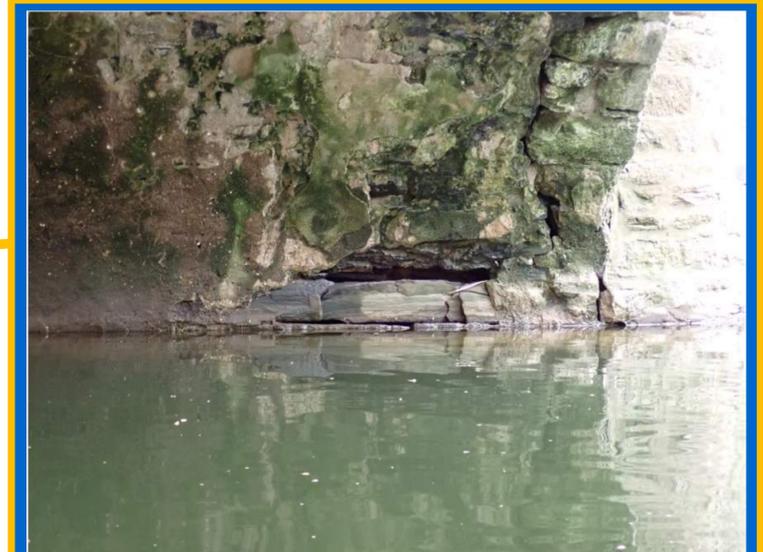
Parapet

- Missing mortar
- Missing stones
- Full height cracks



Spandrel Walls

- Area of loose or missing stones
- Bulging stones
- Widespread deteriorated pointing



Abutments And Piers

- Severe scour with areas of undermining
- Large areas of missing mortar



Arch Barrel

- Large cracks along upstream fascia
- Water seepage

Valley Green Road – Existing Conditions

Parapet

- Missing mortar
- Full height cracks



Last Inspection: April 15th, 2025
Condition: Critical
Posted: 5 tons

Spandrel Walls

- Random missing stones
- Extensive areas of moderate to heavy mortar loss



Wingwall

- Bulging stones
- Missing mortar and stones



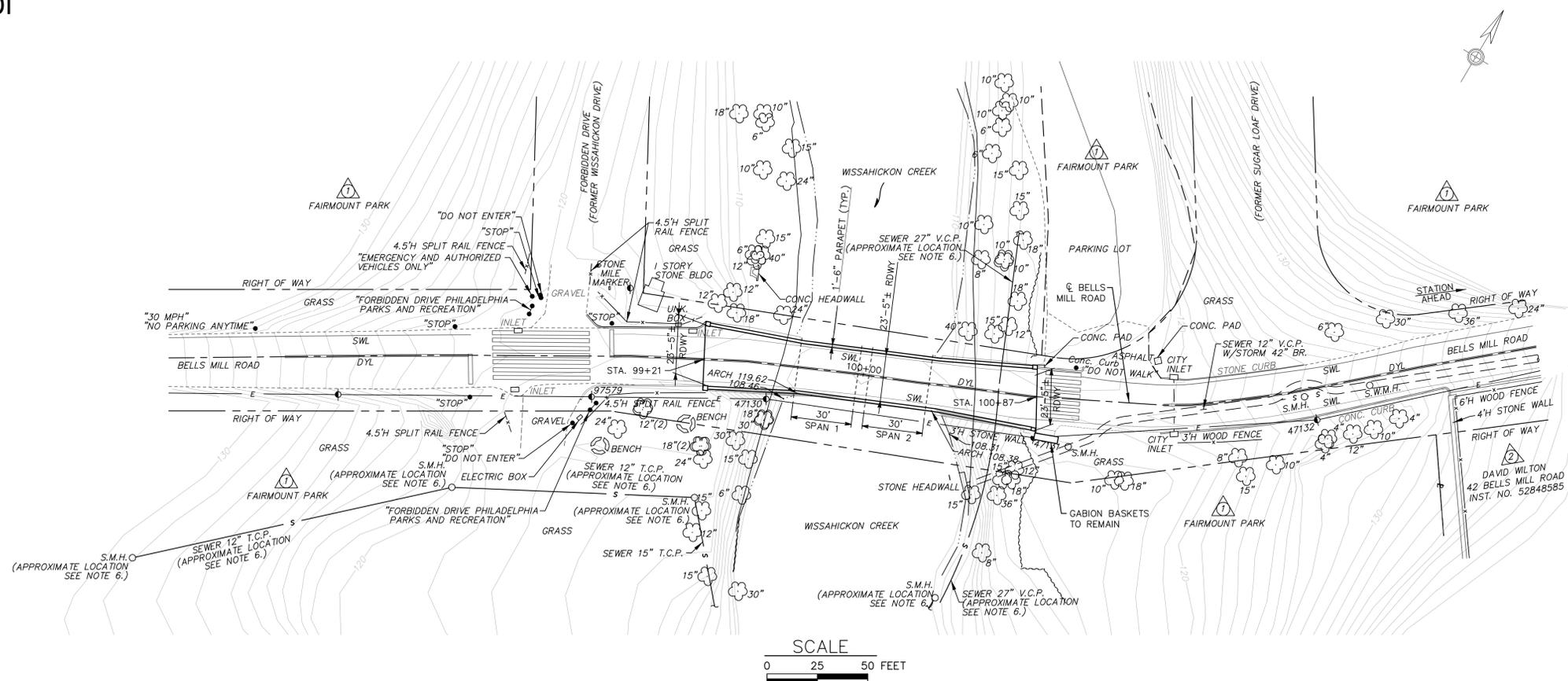
Abutments

- Settled, cracked, loose, and missing footing stones
- Areas of severe scour with undermining

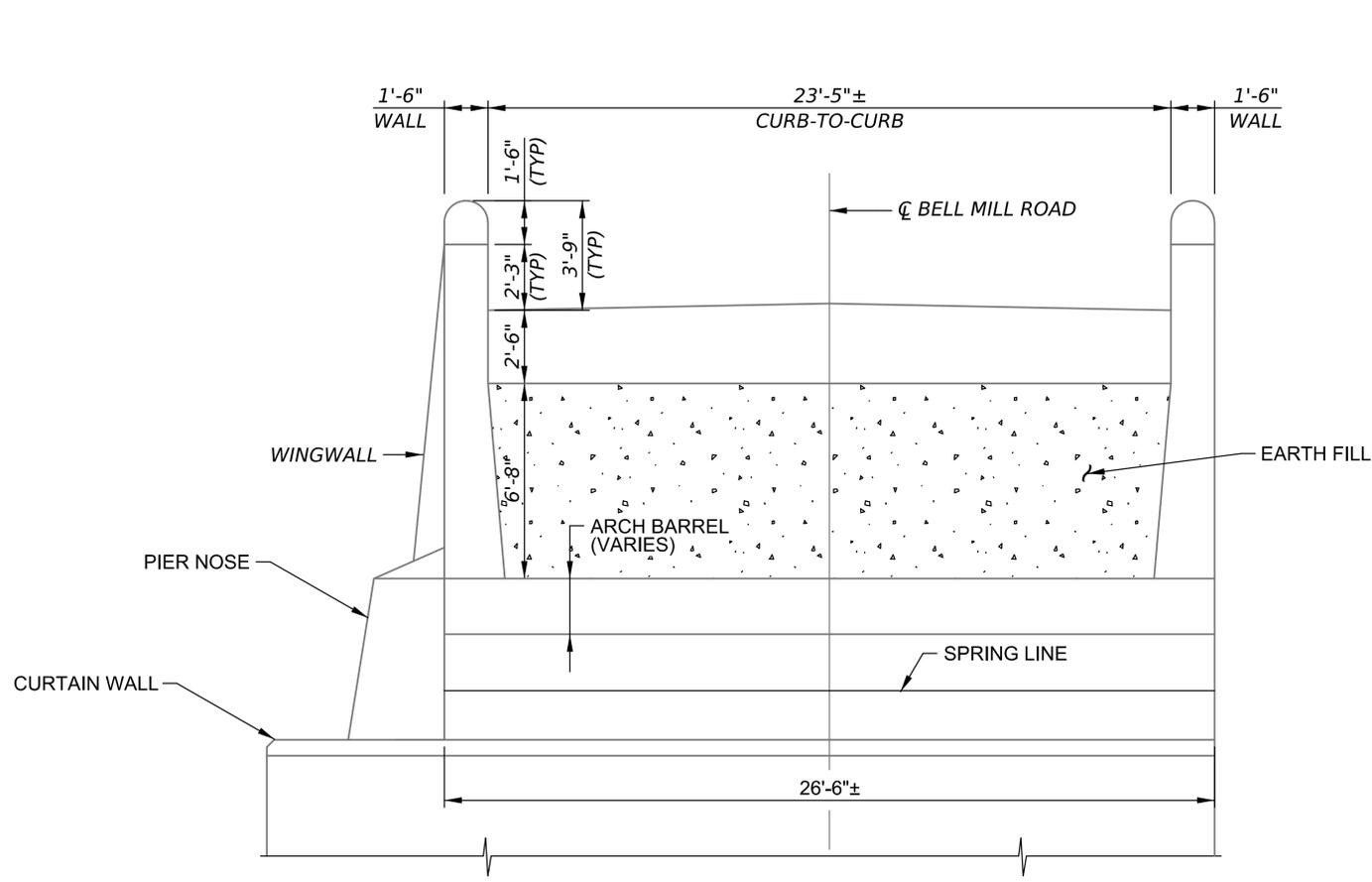


Bells Mill Road – Proposed Plan View

- Remove the pavement and earth fill.
- Remove the existing parapets and deteriorated parts of wingwalls and spandrel walls.
- Reconstruct spandrel walls and wingwalls in-kind.
- Repoint masonry arch barrels and substructure units.
- Place lightweight concrete fill material.
- Fill voids under the foundations with concrete and construct concrete collars around the perimeter.
- Install a reinforced concrete deck and stone-faced concrete parapets.
- Install rock protection at each substructure unit.
- Conserve and reset the existing date stone.
- Wetland mitigation will be developed by the creation of wetlands along Wisers Mill Road.

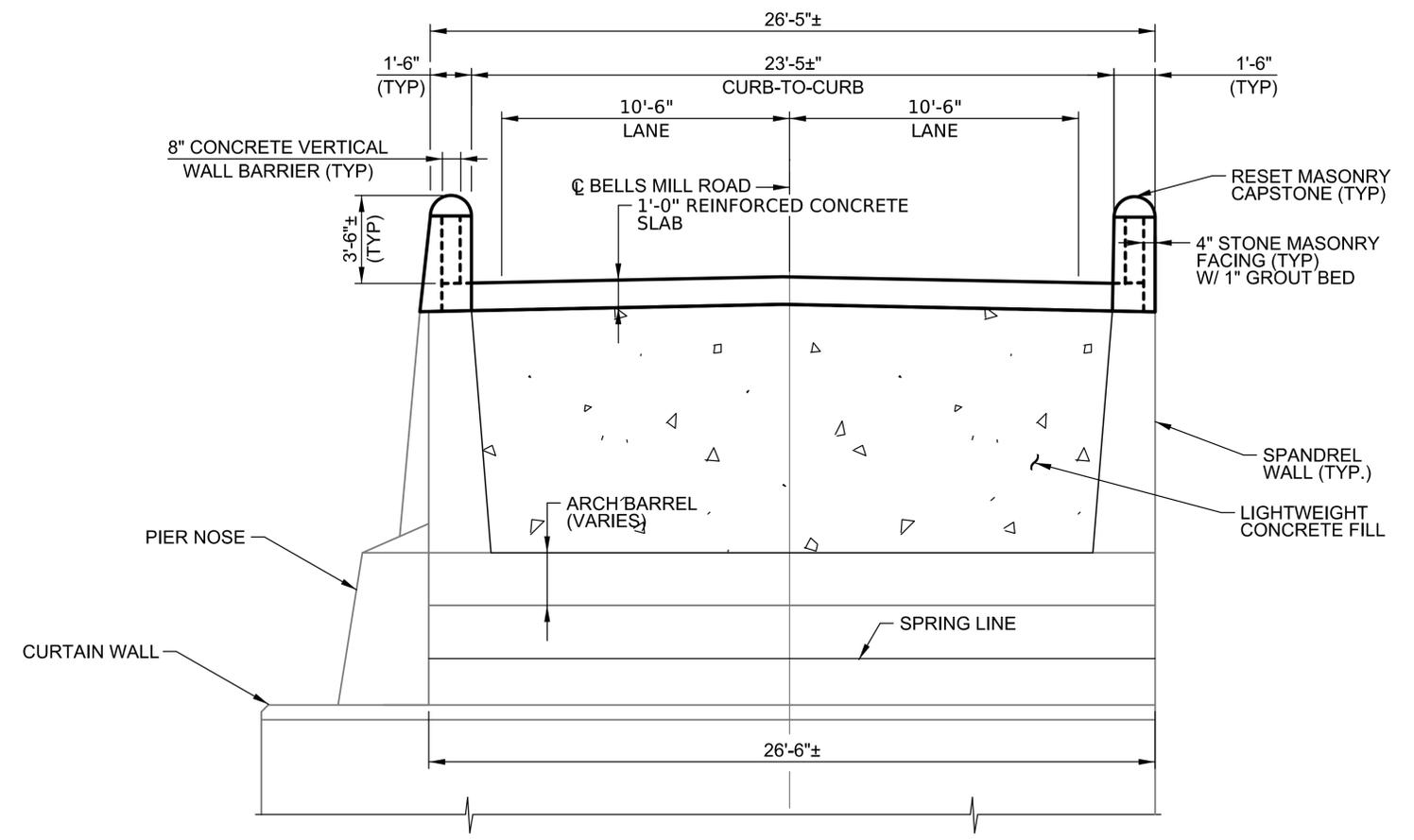


Bells Mill Road – Proposed Cross Section



TYPICAL SECTION - EXISTING

(LOOKING EAST)
2 0 2 4 FEET

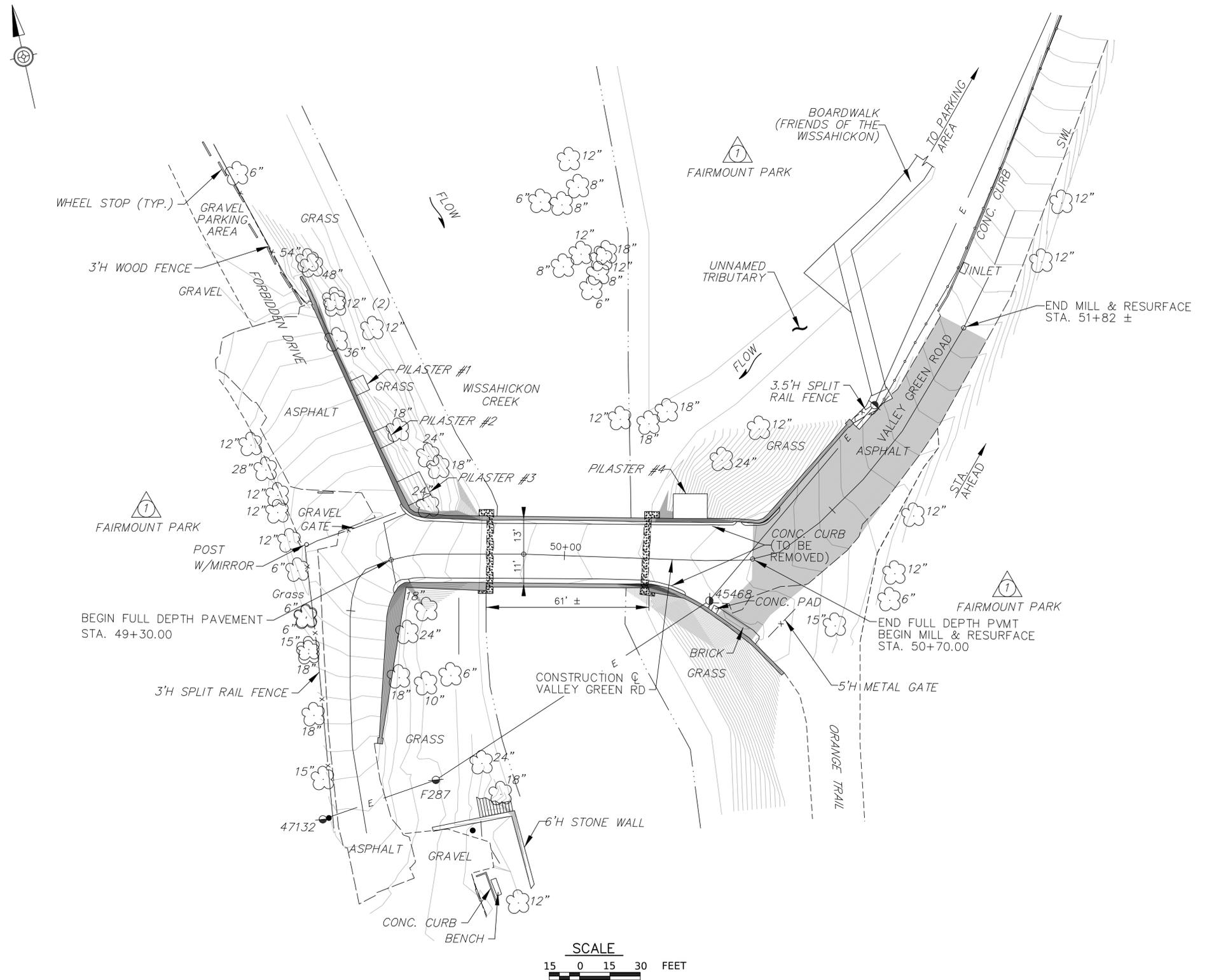


TYPICAL SECTION - PROPOSED

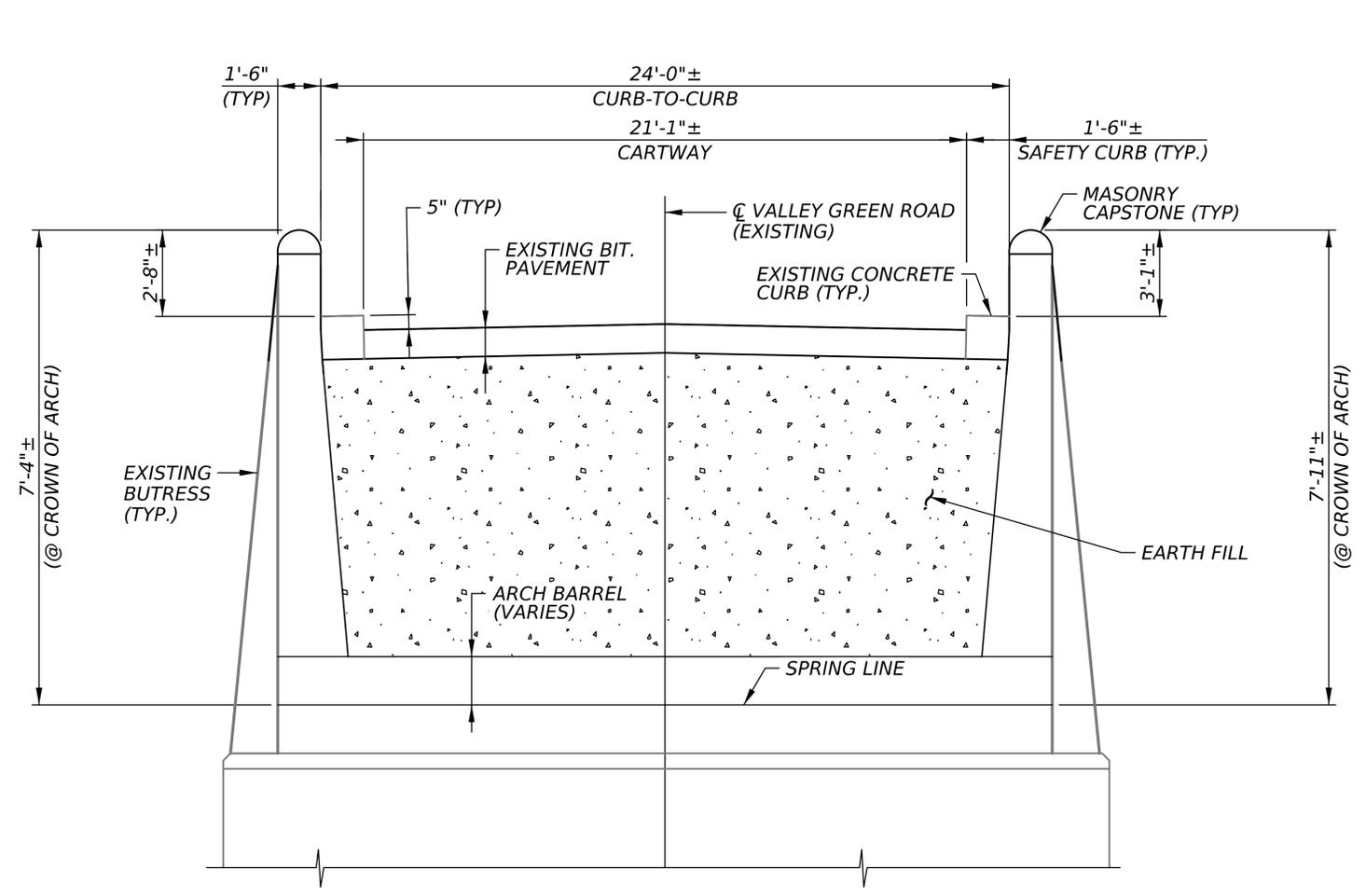
(LOOKING EAST)
2 0 2 4 FEET

Valley Green Road – Proposed Plan View

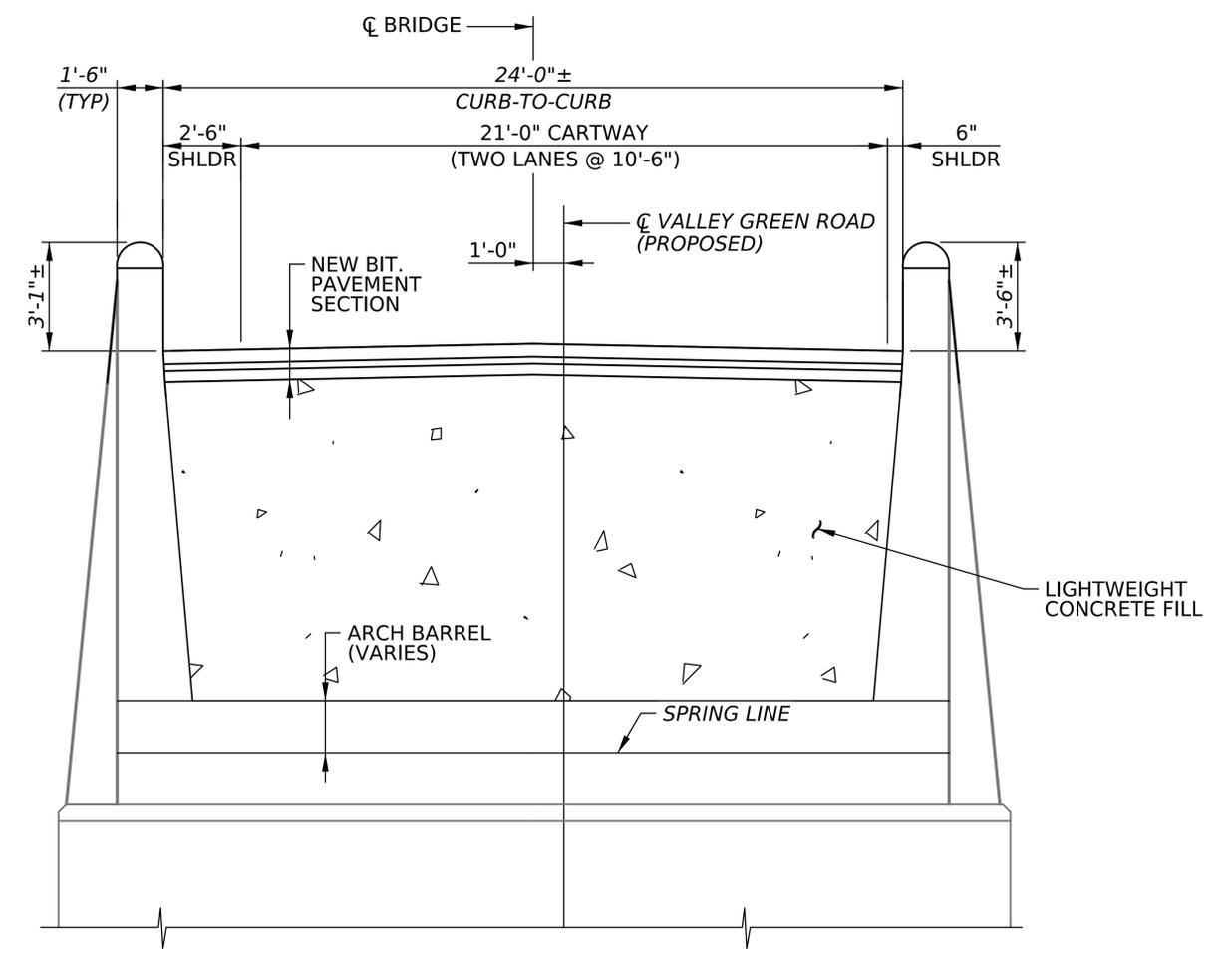
- Remove the concrete curbs, pavement, and earth fill.
- Rehabilitate the parapet, spandrel walls, and wingwalls.
- Repoint masonry arch barrels and substructure units.
- Place lightweight concrete fill material.
- Install an asphalt roadway.
- Fill voids under the foundations with concrete and construct a concrete collar around the perimeter.
- Install rock protection at each substructure unit.
- In-place conservation of the existing date stones.
- Wetland Mitigation will be developed by the creation of wetlands along Wisers Mill Road.



Valley Green Road – Proposed Cross Section



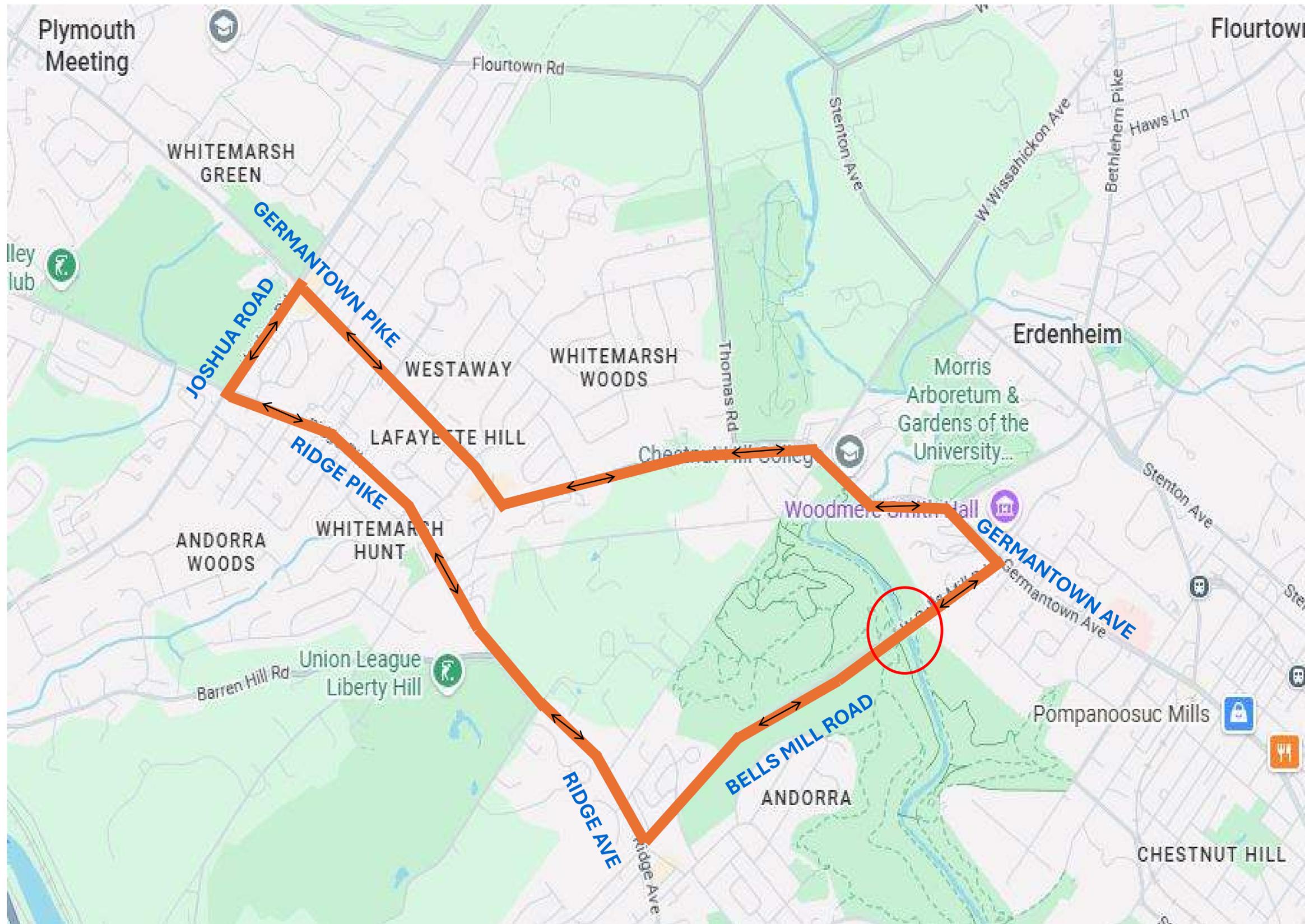
TYPICAL SECTION - EXISTING



TYPICAL SECTION - PROPOSED



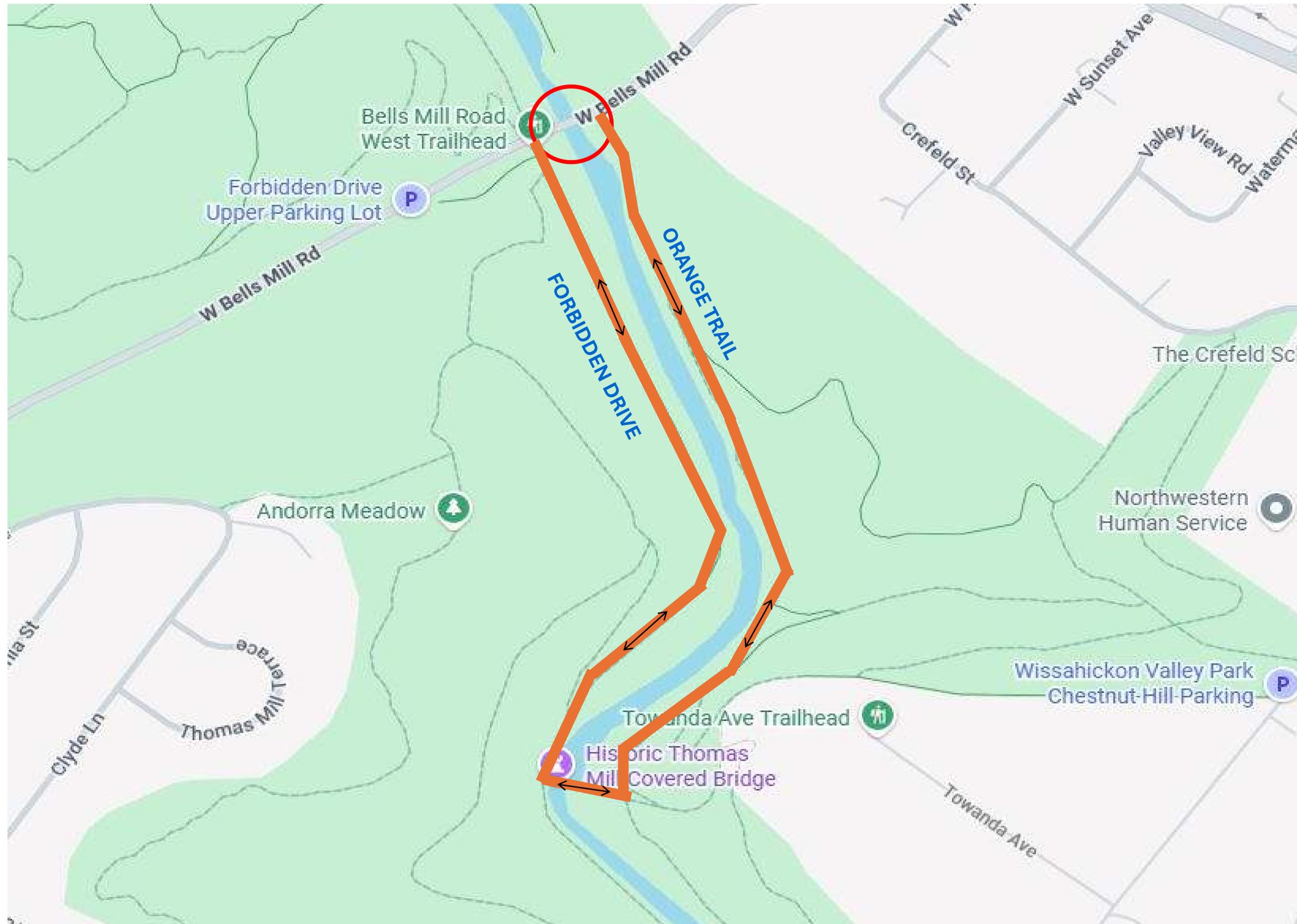
Bells Mill Road – Vehicular Detour Plan

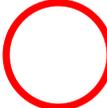


○ = Bridge

Route Length: 6.5 miles

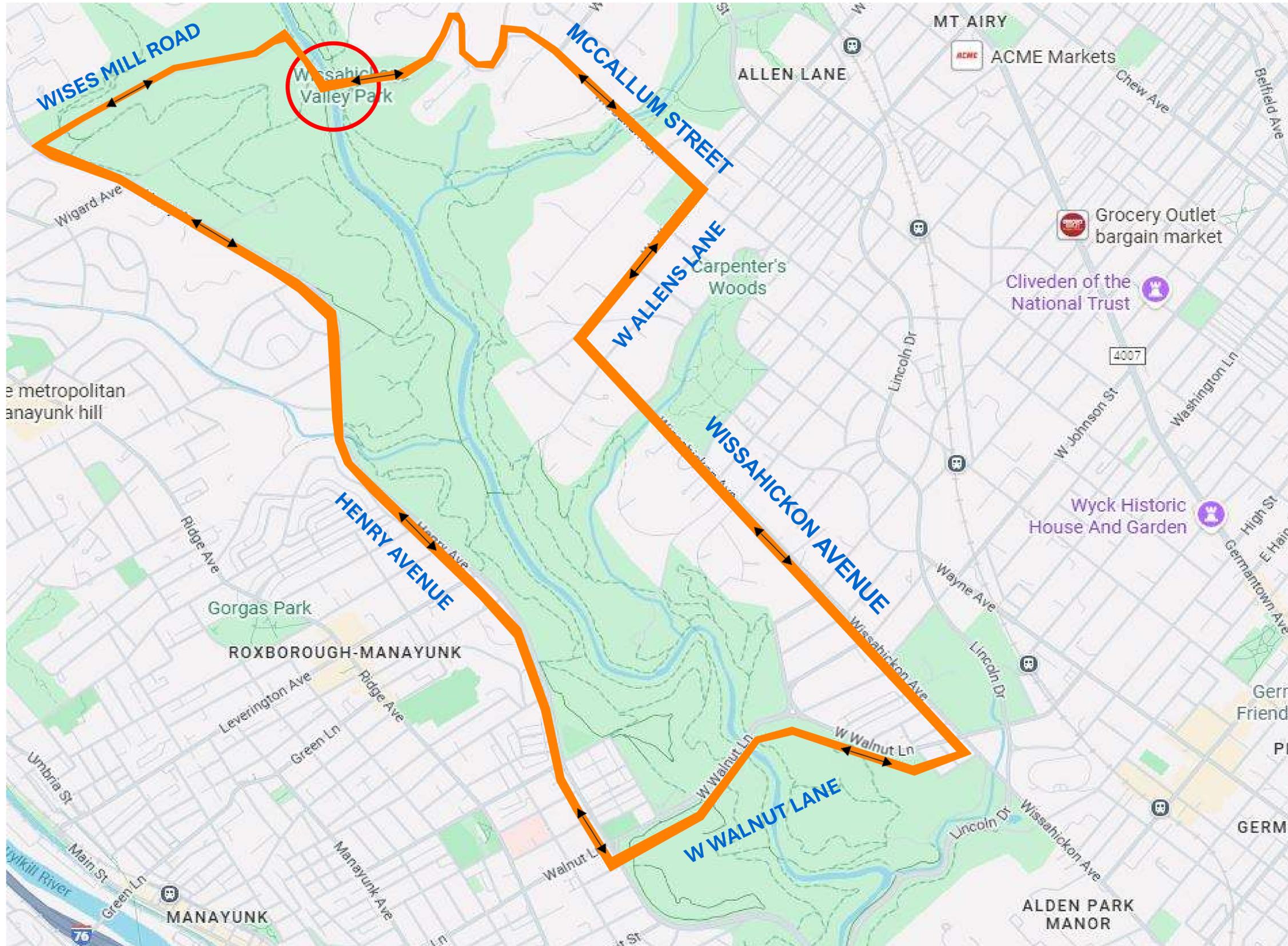
Bells Mill Road – Pedestrian Detour Plan

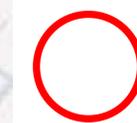


 = Bridge

Route Length: 1.8 miles

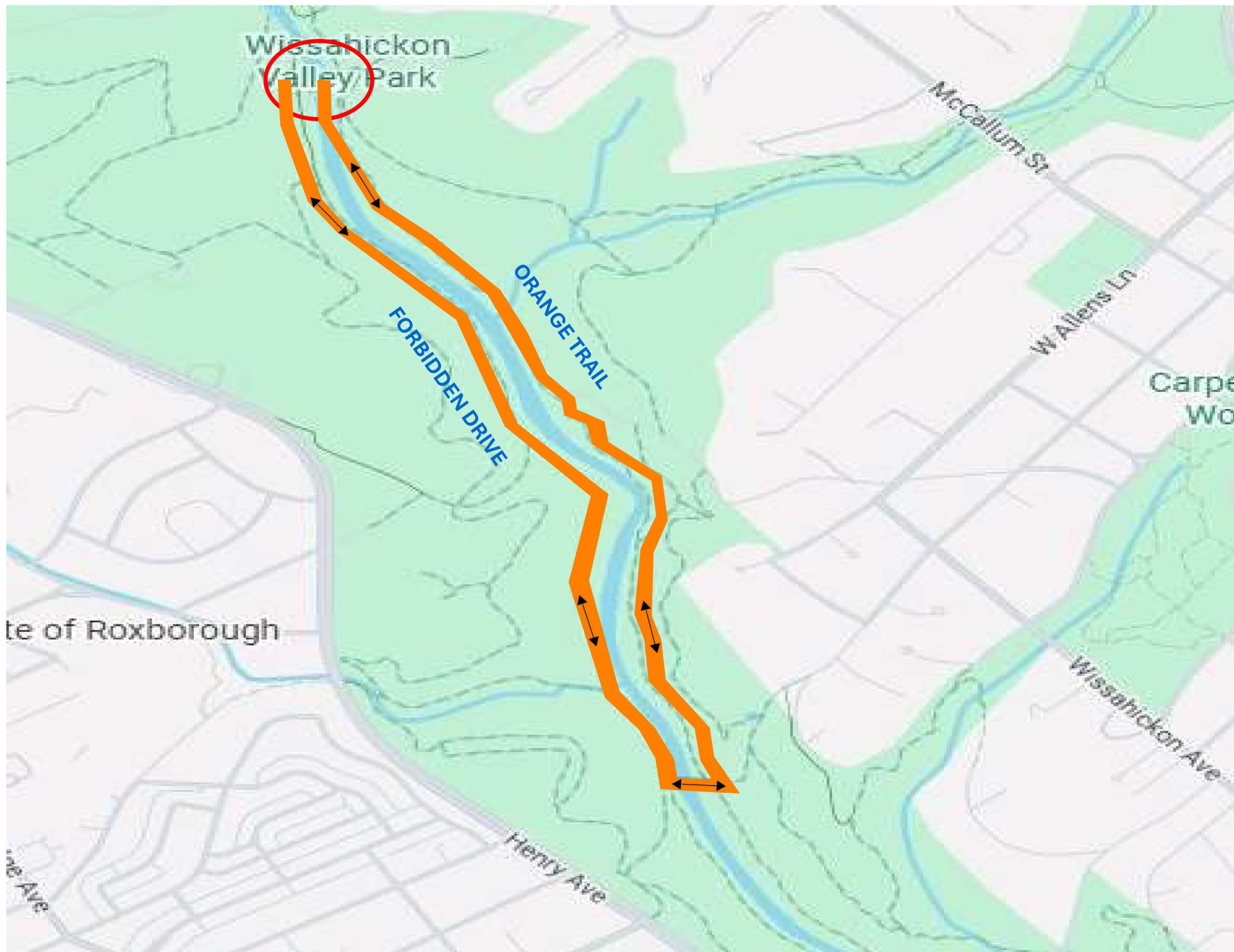
Valley Green Road – Vehicular Detour Plan



 = Bridge

Route Length: 8 miles

Valley Green Road – Pedestrian Detour Plan



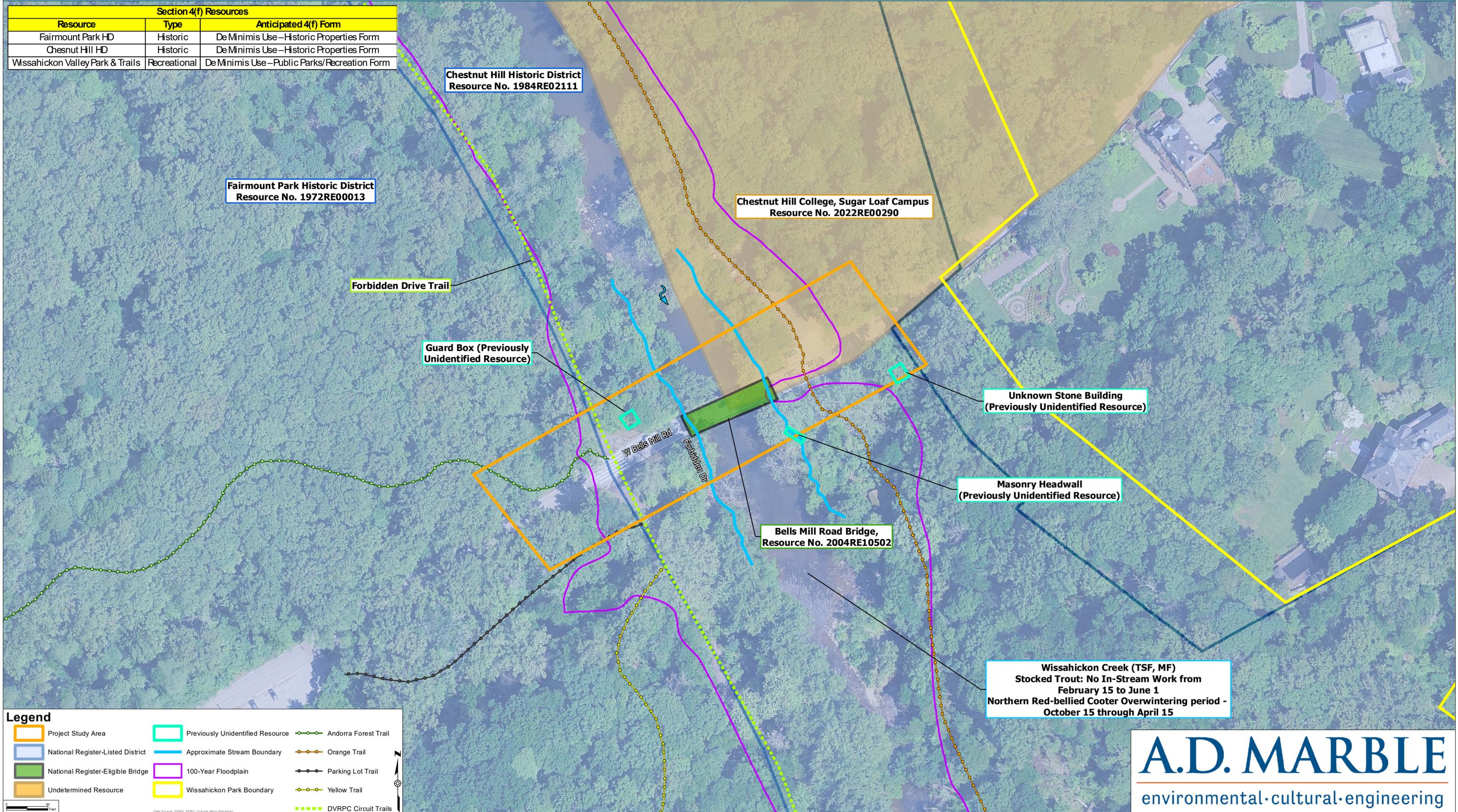
○ = Bridge

Route Length: 2.2 miles

Environmental Features

Rehabilitation of the Bells Mill Road (Bridge No. 240) over Wissahickon Creek City of Philadelphia, Department of Streets (DOS) Philadelphia, Pennsylvania

Section 4(f) Resources		
Resource	Type	Anticipated 4(f) Form
Fairmount Park HD	Historic	De Minimis Use—Historic Properties Form
Chestnut Hill HD	Historic	De Minimis Use—Historic Properties Form
Wissahickon Valley Park & Trails	Recreational	De Minimis Use—Public Parks/Recreation Form



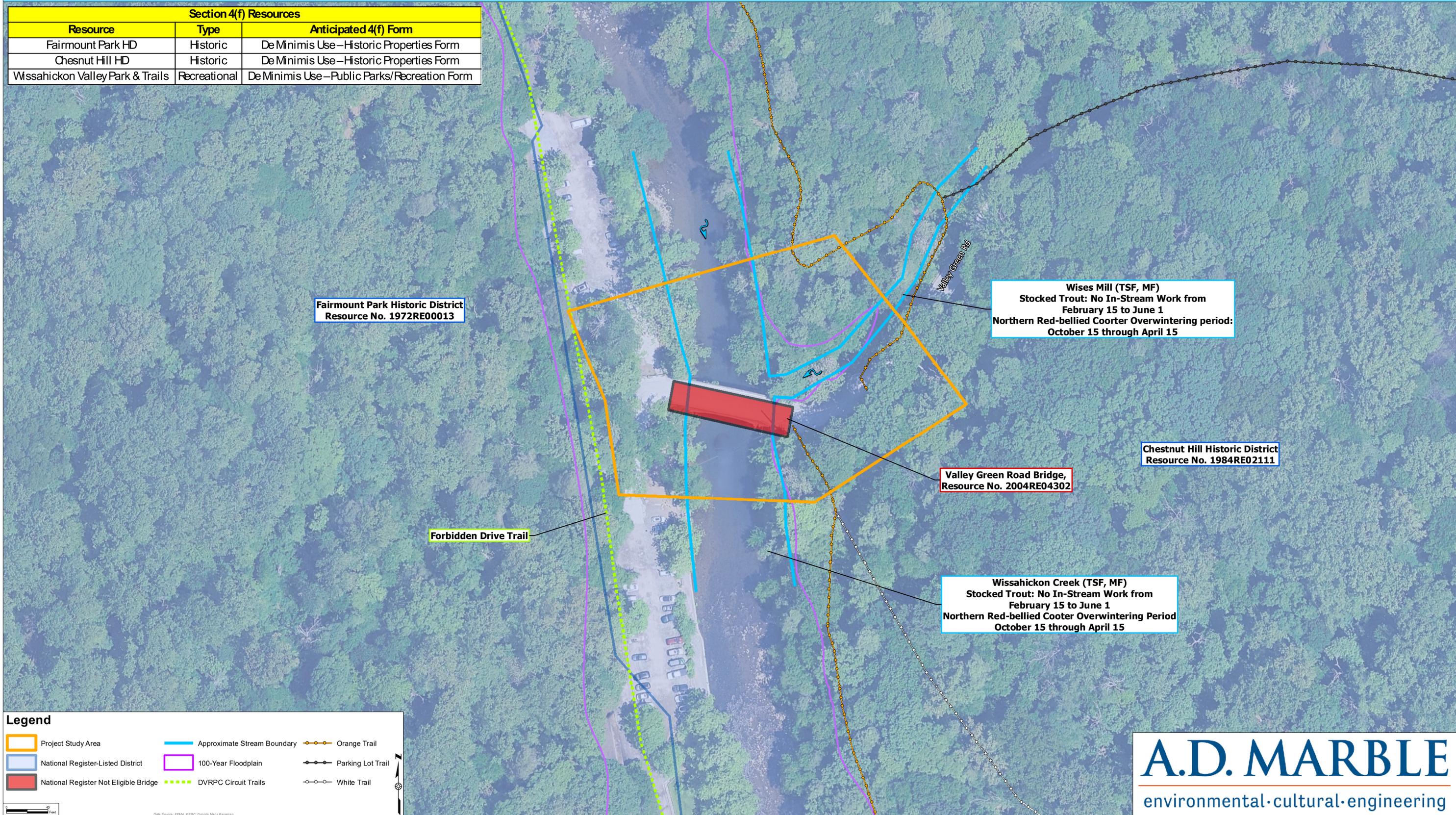
Environmental Features

Rehabilitation of the Valley Green Road (Bridge No. 742) over Wissahickon Creek

City of Philadelphia, Department of Streets (DOS)

Philadelphia, Pennsylvania

Section 4(f) Resources		
Resource	Type	Anticipated 4(f) Form
Fairmount Park HD	Historic	De Minimis Use – Historic Properties Form
Chesnut Hill HD	Historic	De Minimis Use – Historic Properties Form
Wissahickon Valley Park & Trails	Recreational	De Minimis Use – Public Parks/Recreation Form



Legend

- Project Study Area
- National Register-Listed District
- National Register Not Eligible Bridge
- Approximate Stream Boundary
- 100-Year Floodplain
- DVRPC Circuit Trails
- Orange Trail
- Parking Lot Trail
- White Trail

Anticipated Remaining Project Timeline

FEBRUARY 2026

	Winter 2025	Spring 2026			Summer 2026			Fall 2026			Winter 2026			Spring 2027			Summer 2027			Fall 2027			Winter 2027		Spring 2028	
Project Start																										
Preliminary Design																										
Final Design																										
Mobilization																										
Bells Mill Construction													DETOUR 4 MONTHS													
Valley Green Construction																DETOUR 4 MONTHS										